S/N 09/446,831

19/ Response
Theresa
11/22/02

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	WOBBEN	Examiner:	T. LAM
Serial No.:	09/446,831	Group Art Unit:	2834
Filed:	FEBRUARY 17, 2000	Docket No.:	7468.178USWO
Title:	SYNCHRONOUS GENERATOR FOR SERVICE IN WIND POWER PLANTS AS WELL AS A WIND POWER PLANT		

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Box RCE, Commissioner for Patents, Washington, D.C. 20231 on November 11, 2002.

By: _____
Name: Dawn L. Rauch

RESPONSE

Box RCE
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The applicant provides the following remarks in response to the final office action mailed on May 9, 2002 and the advisory action mailed on August 7, 2002. In light of these remarks, the applicant submits that all of the pending claims are in condition for allowance, and requests advancement of this application toward issuance.

Rejection Under 35 U.S.C. § 102

Claims 17-21 and 31 stand rejected as being anticipated by Long et al. In making this rejection, the outstanding actions state that long et al teach asymetirically positioned poles. The applicant respectfully traverses this rejection.

All of the pending claims set forth poles that are asymmetrically positioned on a rotor. Asymmetrically positioned is defined in the specification as a structure in which the distance or gap between neighboring poles is not consistent, but varies from pole to pole in the peripheral direction (see, e.g., page 2, lines 22-23; page 3, lines 12-13; page 5, lines 15-16; and page 7, lines 20-33, and Figures 2 and 3). In other words, the gaps between the poles have different widths.

More specifically, long et al. teaches poles that are separated by one deep longitudinal slot 38 and five shallow longitudinal slots 18. Figures 1A and 3 suggest that this pattern is repeated around the circumference of the rotor 10. Accordingly, the position of the poles is symmetrical, which is in sharp contrast to the claimed invention.

Furthermore, the longitudinal slots 18 and 38 all have the same width. As explained in the specification at col. 4., lines 5-18 and illustrated in Figure 1B, wedges 28 are positioned in the longitudinal slots 18. The wedges have a uniform width W. Again, all of the slots have the same width, which provides a symmetrical position of the poles and is in sharp contrast to the claimed invention.

Therefore, Long et al. fails to teach or suggest the claimed structure, and the claimed invention is patentably distinct from Long et al. The applicant respectfully requests reconsideration and withdrawal from the pending rejection.

Rejection Under 35 U.S.C. § 103

Claims 22-30 stand rejected as being obvious over Long et al. in view of Susumu. The applicant respectfully traverses this rejection.

As discussed above, Long et al. fails to teach or suggest the claimed structure in which the poles of a generator are asymmetrically positioned on a rotor. Susumu also fails to teach or suggest a structure in which the poles along the peripheral direction of a rotor are asymmetrically positioned. In fact, Susumu does not disclose any teaching whatsoever regarding the gap between poles along the peripheral edge of a rotor. Therefore, no combination of Long et al. and Susumu will result in the claimed structure in which the poles are asymmetrically positioned on the rotor of a generator.

Therefore, the applicant respectfully submits that the claimed invention is patentably distinct from the cited references, and requests reconsideration and withdrawal of the pending rejection.

Conclusion

For the foregoing reasons, the applicant respectfully submits that the pending claims are patentably distinct from the cited references. The applicant requests allowance of all the pending claims and advancement of this patent application toward issuance.

Please note that there may be reasons that the pending claims are patentably distinct from the cited references in addition to those discussed in this response. The applicant reserves the right to raise any such arguments in the future. Please contact the undersigned attorney if there are any questions that can be addressed to advance the claims to allowance or otherwise advance the patent application towards issuance.

Respectfully submitted,

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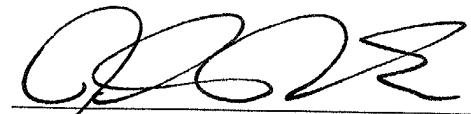
Date: November 11, 2002



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